4271 / 2017.18.

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ವರೆಗಿನ ಪುಟಗಳು ಸೇರಿವೆ.

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

11/12 11/12

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427001

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	R.A. Bill No: 1st & Final						
1/p	Name of the work:- Drilling of bore wells providing pump motor and Accessories and pipeline in ward No. 11 (Kamakshipalya) Vidyaranyapura Sub Division.						
2/p	Estimate cost:- Rs = 2.00 lakhs					A/A:- P-1802.	
3/p	A.S. No:- AE/CE(YNK)/309/2017-18					Dt 13.03.2018	
4/p	T.S. No:- T.S.(CE/YNK)309/2017-18					Dt 13.03.2018.	
5/p	Work order No:- BLNP/CE/STP/W00139/17-18 (Code No:- 011-18-0000444)					Dt 26.3.2018.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6/ Name of the Agency :- Executive Engineer						
	7/ Date of Record :- 25.4.2018 Book No. 10.						
	Item No. ① :- Geophysical investigation of site sinking bore well for supplying drinking water to the habitations either through the hand pump mounted bore well by vertical electrical sounding by adopting Wenner or Schlumberger's method including carriage, technical personnel and labours charges etc complete with all lead & lift loading & unloading charges etc complete as per specifications.						
	i/p @ Ganesh Layout :- 1.00 = 1.00 Nos						
	ii/p @ Ramchandrapuram Area :- 1.00 = 1.00 "						
	Qty = 2.00 Nos						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. ② :- Sinking bore well by hydraulic rig of all strata including bore pipes, collars & lift loading unloading

...T BOOK

...sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...ecutive Engineer ... B, Core-10.			
...ication of site sinking bore ... to be habitation either ... PWSS by vertical electric ... Vanier or Schlumberger's ... technical personnel and labour ... lift loading & unloading there ... specifications.			
=1.00 Nos			
=1.00 "			
Qty = 2.00 Nos			

M. A. R. 57 (Rule 116)

Measurement Book

No. B 427002

Serial No. ....

Name of Work .... From................................. To...

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			@ Rs = 2065.00/Nos				Rs = 4130=00
	Item No. 2 :- Sinking of borewell of 165 mm dia using super fast hydraulic rig of capacity 250 PSI & above CFM & above in all strata including over burden upto down the hole fixing of casing pipe collar & cap with necessary cutting with all leads & lift loading unloading complete as per specifications.						
		1	50.00	= 50.00			
		1	50.00	= 50.00			
				Qty = 100.00 Rmt			Rs = 31518=00
				@ Rs = 315.18/Rmt			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. (3) 50 to 100 m	1	100.00 to 100				
		1	100.00 = 100.00 m @ Rs = 412.00/m			Rs = 412.00 = 00	
	Item No (4) 100 to 150 m	1	100.00 = 100 m @ Rs = 458.36/Rm			Rs = 45835.00	
	Item No (5) :- 150 to 200	1	100.00 = 100.00 Rm @ Rs = 484.10/Rm			Rs = 48410.00	
	Item No. (6) :- 200 to 250 m	1	100.00 = 100.00 Rm @ Rs = 560.32/Rm			Rs = 56032.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. (7) :- 250 to 30
	Item No. (8) :- Supply of CS ERW casing pi continuous welde centre both end loading and for

...ENT BOOK

...th	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
..00	~~to 100~~			
..00	= 100.00 m			Rs = 41900=00
@ Rs = 419.00/m				
..00	= 100 m			
@ Rs = 458.36/Rm				Rs = 45835=00
..00	= 100.00 Rm			
@ Rs = 484.10/Rm				Rs = 48410=00
..00	= 100.00 Rm			
@ Rs = 560.32/Rm				Rs = 56032=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427003

Serial No. ....

Name of Work .... From................................. To.......................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 7 :- 250 to 300 Rm	1	100.00	= 100 Rm			
			@ Rs = 600.49/Rm				Rs = 60,049=00
	Item No. 8 :- Supply of R&L Masts 175mm nominal bore medium block ERW casing pipe of 5mm thick black electric resistance continuous welded mild steel tube materials length of upto joints both ends threaded with all leads lift loading & unloading and lor charges etc complete as per specifications.						
		1	50.00	= 50.00 m			
		1	50.00	= 50.00 m			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	20.00	=	20.00 Rm		
			Total Qty = 120.00 Rm				
			@ R = 132.5/Rm			Rs = 1,59,000=00	
	Item No. (9):- providing 250 mm Ø PVC pipe 6kg/cm² to be complete as per the direction of the engineer-in-charge of the work.						
	250 m.Ø 6kg/pipe	1	24.00	=	24.00 Rm		
			@ R = 1100/Rm			Rs = 96,400=00	
	Item No. (10):- providing & fixing 160 mm Bore well cap with clamp set complete with all lead & lift-loading unloading						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	and labour etc
	Item No (11) :- Supply
	to suitable for
	comprising of a
	vertical installa
	ng unloading co

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Vidyaranyapu
BBMP

...T BOOK

...ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
=	20.00 Rm		
...al Qty = 120.00 Rm			Rs = 1,59,000=00
Rs = 1325/Rm			
...pvc pipe 6kg/cm etc complete			
...Engineer-in-charge of the			
=	24.00 Rm		
Rs = 1100/Rm			Rs = 26400=00
...160mm Bore well cap with			
& lift loading unloading			

M. A. R. 57 (Rule 116)

Measurement Book

No. B 427004

Serial No. ....

Name of Work .... From................................ To....................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	and lows etc complete as per specifications.						
		~~2 Nos~~	~~100~~ =	~~200 Nos~~ 2.00 Nos			
	Item No (11) Supply and delivery @ site brand New Texmo make suitable for vertical installation in 150mm Ø bore well comprising of single or multistage CF pump close coupled by vertical installations 4 Hp 20 stage with all lead & lift loading unloading complete as per specifications.		@ Rs = 100/Nos				Rs = 200=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	2.00	=	2.00 Rm		
			@ Rs = 60,400/Rm			Rs = 1,20,800.00	
	Item No. (12) :- providing & fixing in trenches galvanised mild steel tube (Medium Grade) 50mm Ø nominal bore with all fittings incl cost of all materials labour, hire of equipment & etc complete as per the directions of engineer in charge of the works.						
		1	50.00	=	50.00 Rm		
		1	50.00	=	50.00 "		
		1	50.00	=	50.00 "		

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work .

Date	Full description, etc, of
1	2

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BBMP, B

T BOOK

...nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
	= 2.00 Nos		
	Rs= 60,400/No		Rs= 1,20,800=00
... in trenches galvanized (heavy) 50mm nominal ... cost of all materials labour complete as per the direction ... of the work.			
.00	= 50.00 Rm		
.00	= 50.00 "		
.00	= 50.00 "		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427005

Serial No. ....
Name of Work .... From................................ To...................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	50.00	=	50.00 Rm		
		1	50.00	=	50.00 "		
		1	50.00	=	50.00 "		
		1	50.00	=	50.00 "		
		1	50.00	=	50.00 "		
		1	50.00	=	50.00 "		
		1	50.00	=	50.00 "		
		1	20.00	=	20.00 "		
			Qty = 520.00 Rm				Rs= 2,38,118=00
			@ Rs= 457.92/Rm				

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. (13):- Heavy duty Collar 50 mm Ø						
		1	86.00 Nos = 86.00 Nos				Rs = 1944/10=00
			@ Rs = 1944.30/ Nos				
	Item No. (14):- supplying & drawing 3 core flat PVC sheathed Submersible pump cable manufactured with electric lytic grade copper with flexible copper conductor installation and suitable for working voltage upto 1100 volts with all lead & lift loading & unloading complete as per specification.						
		1	100 = 100.00 m				
		1	100.10 = 100.10 m				

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2

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BBMP, Bangalo

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
10 mm Cu			
/m = 86.40 /m			@ = 1944/10=00
@ = 1944.30/m			
3 core flat PVC sheathed			
manufactured with electric			
le Copper Conductor installa			
voltage upto 1100 volts with			
ecess complete as per Offic			
100.00 m			
= 100.00 m			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

427006

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	100.00	= 100.00 m		@	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	100.00	= 100.00		"	
		1	80.00	= 80.00 m			
				Qty = 1080.00 mtr		@ = 1,03,796=00	
				@ Rs = 188.70/m			

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BBMP, Bangalore - 97

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	Item No. (15):- Labour charges for erection of new submersible pumpset along with G.I pipe (32/50mm) Cable. Submersible pumpset of legal will be supplied by the dept free of cost and the released pumpset should be handed over to department incl transportation. (Each length = 6.00m)						
		1	50.00	=	50.00 P/L		
		1	40.00	=	40.00 "		
			Qty = 90.00 Per/length				
			@ Rs = 88.00/- P/L				Rs = 7920=00

Serial No. ....
Name of Work ....
Name of Contractor of nature of [illegible]
Date of commencement of work [illegible]

Date 1	Full description, etc, of work 2
	Item No. (16):- [illegible] made of [illegible] made out [illegible] etc with [illegible] etc complete [illegible]
	Item No. (17):- Supply [illegible] ector PVC in [illegible]

T BOOK

nsions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...erection of new Submers...			
...type (32/50mm) Cable ...			
...of 20 M be supplied by the ...			
...and pump set should be ...			
...and transportation.			
...40 = 50.00 R/L			
...00 = 40.00 "			
90.00 per length.			
@ Rs = 88.00 R/L Rs = 7920.00			

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Measurement Book

No. B

427007

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. (16):- Supplying & fixing 20" x 20" x 2.5" polished wood board made of mat teak 15 mm thick plank on both sides with ply wood made out of mat more than 2 pieces & fixing plugs, screws etc with all lead & lift loading, unloading & transportation & other charges & etc complete as per specifications &						
		1	2.00	= 2.00 Nos			
			@ Rs = 30/- Nos			Rs = 60.00	
	Item No. (17):- Supplying of 4 C x 6 Sq Cable having aluminium conductor PVC insulated sheath of galvanized steel wire/steel						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4c Aluminium Cable with PVC outer 1.1 KV Class with all lead and lift loading unloading and Horn Charges etc complete as per Specification.						
		1	30.00	=	30.00 m		
		4	30.4	=	30.20 m		
					Qty = 60.00 m		
					@ Rs = 140.40/m		Rs = 8424.00
	Item No. (18) :- Horn Charges for laying of 1.1 KV Class c/c Cable with all lead & lift loading unloading & Horn						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Charges etc c
	Item No. (19) :- Di
	ing the trench
	ing etc complet

Assistant Executiv
Vidyaranyapura S
BBMP, Banga

ENT BOOK

imensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
			outer 1.1 KV Class with all	
			loading and other charges etc	
			complete,	
			30.00 = 30.00 m	
			30.00 = 30.00 m	
			Qty = 60.00 m	
			@ Rs = 140.40/m	Rs = 8424.00
			for laying of 1.1 KV Class c/c	
			cable loading unloading etc	

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Measurement Book

No. B 427008

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	charges etc complete as per specification,						
		1	30.00			= 30.00 m	
		1	30.00			= 30.00 m	
						Qty = 60.00 m	Rs = 6480.00
						@ Rs = 108.00/m	
	Item 140.(19) :- Digging or trenching of 0.6 m x 0.5 m wide (left)						
	ing the trench to the level of ground level and consolidat						
	ing the complete as per specification.						

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BBMP, Bangalore - 97

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	50.10	—	—	= 50.10 m	
						@ Rs = 85.00/m	Rs = 4,250=00
	Item No. (20) :- Supplying & fixing of pipe cast iron pot head suitable for 11 KV class UG cable filled with necessary bitumen finalization compound with terminal clamps bolts nuts & washers etc with all lead & lift loading & unloading complete as per specifications.						
		1	2.10	—	—	2.10 metres	690-
						@ Rs = 3465/m	Rs = 2760=00
	Item No (21) :- Supplying & fixing I.T. cast iron pot						

M

Serial No. ....
Name of Work ....
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Num
	head suitable for 11 ... carry bitumen in ... all clamps bolts ... per specifications.	
	Item No (22) :- Supplying ... conduit & ... meters board wiring ... laying wired in a pit ...	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
50.00	—	—	= 50.00 m	
			@ Rs = 85.00/m	Rs = 4250=00
fixing GI pipe			cast iron pot head	
& UG Cable filled with ne				
& Jointing Compound wali				
2 bolts, nut & washers etc				
fixing & unloading complete as				
.00	—	—	2.00 nos	690-
			@ Rs = 345/m	Rs = 2760=00
fixing GI cast iron pot				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

427009

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	head suitable for 11 KV Class UG cable filled with grease						
	Jary between insulating Compound complete with termin						
	-al & Clamp & bolts nut & and washers etc complete as						
	per specification.						
		1	2.00	—	—	2.00 Nos	
						@ Rs = 280/Nos	Rs = 560.00
	Item No (22) :- Supplying for earthing Wiring Earth electrode for ground						
	-ing Conduit & C Cut out & and other equipments on the						
	meter board of earthing ground GI 2.90 mm thick GI pipe 2.5 m						
	long buried in a pit the pit should be filled the pipe to						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	equal portion of soil and char coal 150mm around the pipe to complete the depth the connection from the pipe to the conduits etc is to be established through bush lift drive with all lead & lift loading & unloading and labour charges etc complete as per specification.	1	2.00	—	—	2.00 RM	
	@ Rs = 2797/mtr						Rs = 5594/-
	Item No. (23) :- Supplying & fixing in posts porcelain fuse channel with cut out on existing wooden/panel using necessary nuts bolts & washers etc with all lead and lift loading & unloading & labour charges etc -						

Serial No. ....
Name of Work ....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc,
1	2
	complete a... porcelain ...
	Item No. (24):- pro... gun metal ... including co... complete a... Non Retu...

...ENT BOOK

...th	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

...char coal 150mm along
depth the connection from the
is to be established thro
lead & lift loading & unloading
c complete as per specifica
.00 — — 2.00 Nos
@ Rs = 2797/nos Rs = 5594/-
fixing in posit porcelain fuse
existing wooden/panel using
& washes etc with all leag
fixing & labr charges etc -

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Measurement Book

No. B 427010

Serial No. ....
Name of Work .... From.................................. To....................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	complete as per specifications.						
	porcelain fuse :-	1	12.00 Nos	—	—	12.00 Nos	Rs = 2160=00
						@ Rs = 180/Nos	
	Item No (2b) :- providing & fixing in position 50mm nominal bore gun metal non return valve horz type of approved make including cost of all materials labr & Hoist of equipments complete as per specifications.						
	Non return valve :-	1	2.00	—	—	2.00 Nos	Rs = 3172=00
			@ Rs = 1585.76/Nos				

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. (25) :- Supplying:- Providing HP/CP waste nipple confirming to ISI specification and fixing them in position as per direction including cost of all materials fixtures and conveyance to work	1	2.00	–	–	2.00 Nos	
						@ Rs = 227.90/No	Rs = 456.00
	Item No (26) :- Supplying & fixing 50mm Ø GI nipple with ISI mark with all lead & lift loading unloading and HOR etc complete as per specifications.						
	50mm Ø GI Nipple = 1	1	8.00	–	–	8.00 Nos	
						@ Rs - 104.30/No	Rs = 834.00

Serial No. ....
Name of Work ....
Name of Contractor of nature of Agency
Date of commencement of work ....

Date 1	Full description, etc, of work 2
	Item No. (27) :- E... ing New 25KVA ... unloading HOR ch...
	Item No. (28) :- Supply... Isolator on existing ... necessary fixing ...

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
...ishing RCC/CI waste mixing ...ication and fixing them in posi... ...cluding cost of all materials ...e to work				
2.00	—	—	2.00 Nos	@ Rs = 497.30/Nos Rs = 994.60
...mm Ø GI y nipple with ...g lift loading unloading ...ng as specifications.				
8.00	—	—	8.00 Nos	@ Rs = 104.30/Nos Rs = 834.40

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Measurement Book

No. B 427011

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No. 27 :— Rotating Machinery Capacitor in KVAR rating Nos 2 KVAR capacity with all leads & lifts loading unloading charges etc complete as per specifications						
		1	2.00	—	—	2.00 Nos	@ Rs = 1486/Nos Rs = 2972.00
	Item No. 28 :— Supplying and fixing miniature circuit breaker Isolator on existing MCB distribution boards including necessary fixing materials wiring complete etc as per						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5 to 30 amps triple pole with all leads & lift loading & unloading complete as per specification.						
		1	2.00	—	—	2.00 Nos	
						@ RR = 415/- Nos RR = 830=00	
	Item No (29) Fabrication supplying and mounting MS box of 16 SWG suitable for floor/wall mounting fully dust proof with provision for better heat dissipation provided with hinged front cover equipment with tamper proof locking arrangement & with suitable size clamp & with necessary approved colour metal						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Painting complete
	Item No (30) unit push button type one adjustable terminal plate fixed in steel 3 phase & wires after

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BBMP Bangalore

...ENT BOOK

...ngth 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
with all leads & lift loadings as per specifications.				
2.00	—	—	2.00 Nos	
@ Rs = 415/Nos				Rs = 830=00
supplying and mounting MS box floor/wall mounting fully we... for better heat dissipation ...m cover equipment with lamps ...ments with suitable ...ther approved of colour metal				

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Measurement Book

No. B 427012

Serial No. ....

Name of Work .... From.................................. To.......................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	paint etc complete as per specifications.						
		1	46800 Sq/cm =			46800 Sq/cm	
			@ Rs = 0.33 Sq/cm				Rs = 15444=00
	Item No. (30) supplying fully automatic star delta starter unit push button type with suitable wiring three contractors one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase 4 wires after fixing to the wooden board for motor						

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BBMP Bangalore - 97

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Above 15 Hp upto 25 Hp etc complete as per specification						
	delta starter :-	1	2.00	-	-	2.00 Nos	
				@ Rs = 8873/Nos			Rs = 16546 = 00
	Item No. (31) :- Dismantling of existing structure like culverts bridges retaining wall & other str C.C wood work steel works including T & P & scaffolding wherever necessary sorting the dismantled materials complete as per specifications.						
		2	30.00	0.60	0.60	= 21.60 Cu	

Serial No. ....
Name of Work ....
Name of Contractor of nature of A
Date of commencement of work .

Date 1	Full description, etc, of 2
	Item No. (32) :- [illegible] ing depositing [illegible] changed lighting [illegible] where be [illegible]

...ENT BOOK

...gth 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
... Complete as per specification				
...00	–	–	2.00 Nos	
	@ Rs = 8273/Nos			Rs = 16546=00
...f existing structure like ...ining wall & other str C.C including T & P & scaffold ... working the dismantled ... as specifications.				
30.00	0.60	0.60	= 21.60 Cu	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427013

Serial No. ....
Name of Work .... From.............................. To....................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	0.60	0.60	= 21.60 Cum	
		1	25.00	0.60	0.60	= 18.00 "	
					Qty =	61.20 Cum	
				Restricted	Qty =	60.30 "	Rs = 22627=00
				@ Rs = 375.24/Cum			
	Item No. 32: Earth work excavation for pipeline trenches including depositing on bank up to a lead of 50m including shifting, planked lighting and using site marks, poles @ every 100 meter where ever necessary complete as per specifications.						
		1	45.00	0.60	0.65	= 17.55 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	50.00	0.60	0.70	= 21.00 Cum	
		1	50.00	0.60	0.75	= 22.50 "	
		1	48.50	0.60	0.75	= 21.82 "	
		1	48.50	0.60	0.75	= 21.82 "	
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97	1	50.00	0.60	0.75	= 22.50 "	
		1	50.00	0.60	0.75	= 22.50 "	
		1	50.00	0.60	0.75	= 22.50 "	
		1	20.00	0.60	0.75	= 9.000	
						Qty = 181.19 Cum	
			Restricted Qty = 180.90 Cum				

Serial No. ....

Name of Work ....

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date	Full description, etc, of work
1	2
	Item No: (33) :- provid[illegible] incl cost of piping [illegible] depth not less than [illegible] labour complete as [illegible]

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
50.00	0.60	0.70	= 21.00 Cum	
50.00	0.60	0.75	= 22.50 "	
48.50	0.60	0.75	= 21.82 "	
48.40	0.60	0.75	= 21.78 "	
50.00	0.60	0.75	= 22.50 "	
50.00	0.60	0.75	= 22.50 "	
50.00	0.60	0.75	= 22.50 "	
50.00	0.60	0.75	= 22.50 "	
30.00	0.60	0.75	= 9.00 "	
			Qty = 181.10 Cum	
Qty rectified			Qty = 180.90 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

427014

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	@ Qty = 188.00/Cum					Qty = 34000 = 00	
	Item No. (33) :- providing & installation @ site of works pvc pipes incl cost of pipes and specials & incl lowering & removing to a depth not less than 15 cm with spade or selected earth all arable complete as per specifications.	1	50.00	—	—	50.00 Rm	
		1	50.00	—	—	50.00 "	
		1	50.00	—	—	50.00 "	
		1	50.00	—	—	50.00 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	50.00	0.60	0.45	= 13.50	Cum
		1	50.00	0.60	0.45	= 13.50	"
		1	50.00	0.60	0.45	= 13.50	"
		1	50.00	0.60	0.40	= 12.00	"
		1	50.00	0.60	0.45	= 13.50	"
		1	50.00	0.60	0.45	= 13.50	"
						Qty = 199.00	Cum
						Rej/Wastage Qty = 190.00	Cum
						@ Rs = 1922.50/Cum	Rs = 3,55,962.50

APC
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	Item No. (35):

MENT BOOK

Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
50.00	0.60	0.45	= 13.50 Cum	
50.00	0.60	0.45	= 13.50 "	
50.00	0.60	0.45	= 13.50 "	
50.00	0.60	0.40	= 12.00 "	
50.00	0.60	0.45	= 13.50 "	
50.00	0.60	0.45	= 13.50 "	
		Qty = 129.00 Cum		
Restricted Qty = 120.60 Cum				
R@ = 2920.40/Cum				Rs = 352,44…

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427016

Serial No. ....
Name of Work .... From.............................. To..............................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. (35) :- Refilling available earth around pipe lines / cables in layers not exceeding 20 cm in depth compacting each deposited layer by ramming and watering with lead up to 50 m and lift up to 1.50 m including cost of all material complete as per specification.						
		1	50.00	0.60	0.30	= 9.00 Cum	
		1	50.00	0.60	0.30	= 9.00 "	
		1	50.00	0.60	0.30	= 9.00 "	
		1	50.00	0.60	0.30	= 9.00 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	50.00	0.60	0.30	= 9.00 Cum	
		1	50.00	0.60	0.30	= 9.00 "	
		1	50.00	0.60	0.30	= 9.00 "	
						Qty = 63.00 Cum	
						Less Cl. Qty = 60.30 Cum	
						@ Qty = 60.30 Cum	
						Qty = 48.98 MT	

Item No. 36 :- providing & laying in position plain C.C of mix 1:4:8 with 20 mm down graded granite metal & coarse aggregates @ 0.63 Cum and fine aggregates

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	@ 0.57 Cum Wet Compact of Machinery

MENT BOOK

Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
50.00	0.60	0.30	= 9.00 Cum	
50.00	0.60	0.30	= 9.00 "	
50.00	0.60	0.30	= 9.00 "	

Qty = 63.00 Cum

Restricted Qty = 60.30 Cum

@ = 80.56/Cum Rs = 4858.00

... laying in position plain ... with of C cement @ 180 Kg ... of granite metal & coarse ... and fine aggregates

M. A. R. 57 (Rule 116)

Measurement Book

No. B 427017

Serial No. ....

Name of Work .... From.................................. To......................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	@ 0.57 Cum machine mixed not exceeding 15 Cum ... well compacted in foundation incl cost of all hire ... of machinery complete as per specifications.						
		1	50.00	0.60	0.10	= 3.00 Cum	
		1	50.00	0.60	0.10	= 3.00 "	
		1	50.00	0.60	0.10	= 3.00 "	
		1	50.00	0.60	0.10	= 3.00 "	
		1	50.00	0.60	0.12	= 3.60 "	
		1	50.00	0.60	0.12	= 3.60 "	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	45.00	0.60	0.14	=7.56 Cum	
		2	42.00	0.60	0.12	=6.04	
		1	50.00	0.60	0.15	=4.50	
		2	36.00	0.60	0.15	=6.48	
		1	49.00	0.60	0.12	=3.52	
		1	50.00	0.60	0.12	=3.60	
		1	50.00	0.60	0.12	=3.60	
		2	42.00	0.60	0.12	=6.04	
					Qty	= 60.34 Cum	
			Restricted		Qty	= 60.30 Cum	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M.

Serial No. ....
Name of Work .... Fr
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date 1	Full description, etc, of work 2	Numbe 3
	Item No (37):- providing [illegible] Delly of RMC for well compacted vibr[illegible] form work & scaffolding [illegible] cost of steel & fa[illegible] for [illegible] foundation &	(a) 1 1

…ENT BOOK

Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
[illegible]5.00	0.60	0.14	=7.56 Cum	
[illegible]8.00	0.60	0.12	=6.04 "	
[illegible]0.00	0.60	0.15	=4.50 "	
[illegible]6.00	0.60	0.15	=6.48	
[illegible]9.00	0.60	0.12	=3.52 "	
[illegible]0.00	0.60	0.12	=3.60 "	
50.00	0.60	0.12	=3.60 "	
[illegible]9.00	0.60	0.12	=6.04 "	
			Qty = 60.[illegible] Cum	
Deducted Qty = 60.30 Cum				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427018

Serial No. ....

Name of Work .... From.............................. To......................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@	5159.02 / Cum				Rs = 3,11,089=00
	Item No (37) :- Providing & laying C.C using 20mm & down graded [illegible] of RMC for RCC work & laid in 15 cm thick layer well compacted vibrating finishing with necessary centering form work & scaffolding with all lead & lift etc inclusive cost of steel & fabrication & charges) of CC M20 1:1.5:3 for raft foundation complete as per specifications.						
		1	50.00	0.60	0.12	= 3.60 Cum	
		1	50.00	0.60	0.12	= 3.60 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	50.00	0.60	0.10	= 3.00 Cum	
		2	50.00	0.60	0.10	= 6.00 "	
		1	50.00	0.60	0.10	= 3.00 "	
		1	50.00	0.60	0.10	= 3.00 "	
		2	50.00	0.60	0.10	= 6.00 "	
		1	49.50	0.60	0.12	= 3.56 "	
		1	40.00	0.60	0.12	= 2.88 "	
		1	36.00	0.60	0.12	= 2.59 "	
		2	25.00	0.60	0.10	= 1.50 "	
						Qty = 41.32 Cum	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M.

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Item No (38) :- Providi	
	valve with CI ho	
	nominal bore in Cl.	
	of equivalent di	
	Specifications &	
	drawings Gate valve	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
50.00	0.60	0.10	= 3.00 Cum	
50.00	0.60	0.10	= 6.00 "	
50.00	0.60	0.10	= 3.00 "	
50.00	0.60	0.10	= 3.00 "	
50.00	0.60	0.10	= 6.00 "	
99.50	0.60	0.12	= 3.56 "	
40.00	0.60	0.12	= 0.88 "	
36.00	0.60	0.12	= 5.18 "	
25.00	0.60	0.10	= 1.50 "	
			Qty = 41.32 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

427019

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Reg trench					Qty = 40.20 Cum	
						@ 80 = 6231.74/Cum	Qq = 250,516 = 00
	Item No (38) :- providing & fixing in position brass gate valve with CI wheel of approved quality comm nominal bore incl. cost of all materials & labour etc complete as per specifications & drawing	1	12.00	—	—	12.00 each	
						@ 80 = 41.75 12 each	Rs = 501.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Add GST 2DL					Total Rs = 99,97,766=00	
	Add 10% Charges					Rs = 9,97,776=00	
	Add 1% Labour Cess					Rs = 99,774=00	
	Deposit & Meter Charges					Rs = 10008=00	
						9890=00	
						Grand Total Rs = 9,99,718=00	

Verified
Sd/-
19/05

Sd/- AE
24.4.2018

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 24.92 7	
	ಗಳನ್ನು ಪಾವು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 2.01,9	
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 2290 8	
	Rs: Twenty two thousand two hundred ninety eight and	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ	
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು	
	ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ	
	ಬೃ. ಬೆ. ಮ. ಪಾ	
	19/05	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
Total Rs = 23,97,766=00				
Less Rs = 3,00,000=00				
balance Rs = 20,97,766=00				
Water charges Rs = 10008=00				
			9890=00	
Grand Total Rs = 24,92,718=00				

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427020

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 24,92,718-00					Total: 24,92,718-00	
	ಗಳಿಕೆ ಹಾಗು ಮಾರಾಟ : ಇದರಲ್ಲಿ ರೂ 2,01,910-00					IT- 49854-00.	
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 22,90,808-00					CSS- 24927-00.	
	Rs. Twenty two Lakhs ninety Thousand Eight hundred only.					EBF- 2493-00	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					ESD- 124636-00.	
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ 19/05					Adju- 201,910-00	
						Cheque: 22 90,808-00	